

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"6819905"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 21:21
L2	14	"6816905"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 21:21
L3	4	((("6516350") or ("20020194182") or ("20030061362") or ("20030065760")).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/09 21:22
L5	0	"6751058"	US-PGPUB	OR	OFF	2007/06/09 21:45
L6	1	"6751058"	USPAT	OR	OFF	2007/06/09 21:45
L7	10	"6751658"	USPAT	OR	OFF	2007/06/09 21:46
S1	1	"673755".ap.	US-PGPUB	OR	OFF	2007/06/09 18:19
S2	1	"20030126202"	US-PGPUB	OR	OFF	2007/06/09 21:44
S3	1	chandra-tushar-deepak.in.	US-PGPUB	OR	OFF	2007/06/09 18:20
S4	61	(chandra-tushar-deepak goyal-pawan).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 18:23
S8	89445	"fuji xerox".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 18:24
S9	1	"fuji xerox".as. and master adj storage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 18:24

EAST Search History

S10	701	on-demand adj system	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 18:25
S11	125	on-demand adj system and allocat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 18:27
S12	1	on-demand adj system and allocat\$4 same pool same volume	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 18:28
S13	29	reduc\$3 allocat\$4 deallocat\$4 tim\$4 server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:32
S14	0	reduc\$3 allocat\$4 deallocat\$4 tim\$4 server SAN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:31
S15	29	reduc\$3 allocat\$4 deallocat\$4 tim\$4 server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:31
S16	2036	master adj image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:49

EAST Search History

S17	14	master adj image same allocation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:51
S18	22832	dynamic\$4 with allocat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:51
S19	1	dynamic\$4 with allocat\$4 same (master adj storage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:52
S20	27	dynamic\$4 with allocat\$4 same master image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:52
S21	2	dynamic\$4 with allocat\$4 same master image user	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:52
S22	470346	(Storage adj area adj network) or san	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:53
S23	9574	(Storage adj area adj network) or san and "709".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:54

EAST Search History

S24	18796	(Storage adj area adj network) or san and "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:54
S25	10553	(Storage adj area adj network) or san and "709".clas. and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:54
S26	299	S25 and "on-demand"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:55
S27	5	S25 and "on-demand system"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 18:56
S28	3	"20030126202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:03
S29	15028	dynamic provision\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:05
S30	60	dynamic provision\$4 same workload	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:08

EAST Search History

S31	0	dynamic provision\$4 same workload and master adj image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:08
S32	0	dynamic provision\$4 same workload and master with image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:08
S33	3	dynamic provision\$4 same workload same web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:25
S34	0	dynamic provision\$4 same workload same scrub	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:25
S35	3	dynamic provision\$4 same scrub	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:25
S36	43	dynamic provision\$4 same (remove data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:26
S37	0	dynamic provision\$4 same (de-allocat\$4 or deallocat\$4) remove data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:26

EAST Search History

S38	9	dynamic provision\$4 same (de-allocat\$4 or deallocat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:31
S39	6001	709/223.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:32
S40	0	709/223.ccls. and replicat\$4 image workload read write	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:33
S41	0	709/223.ccls. and replicat\$4 image workload	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:33
S42	54	709/223.ccls. and replicat\$4 image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:35
S43	47	709/223.ccls. and dynamic provision	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:36
S44	130	709/223.ccls. and dynamic provision\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:36

EAST Search History

S45	22	709/223.ccls. and dynamic provision\$4 allocat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:42
S46	0	709/223.ccls. and dynamic provision\$4 allocat\$4 replicat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:36
S47	2	709/223.ccls. and dynamic provision\$4 allocat\$4 secur\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:43
S48	2	709/223.ccls. and dynamic provision\$4 allocat\$4 (secur\$4 or remove or scrub or delete)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:43
S49	0	709/223.ccls. and dynamic provision\$4 allocat\$4 and (remove or scrub or delete) image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 19:44
S50	3	709/223.ccls. and dynamic provision\$4 and (remove or scrub or delete) image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/09 21:16

Abhishek Chandra

[Home](#)

[Research](#)

Publications

[Publications](#) 2007

- **RIDGE: Combining Reliability and Performance in Open Grid Platforms**
Krishnaveni Budati, Jason Sonnek, Abhishek Chandra and Jon Weissman.
In Proceedings of the *IEEE International Symposium on High Performance Distributed Computing* (HPDC'07), Monterey Bay, CA, June 2007 (To appear).
- **Exploiting Heterogeneity for Collective Data Downloading in Volunteer-based Networks**
Jinoh Kim, Abhishek Chandra and Jon Weissman.
In Proceedings of the *7th IEEE International Symposium on Cluster Computing and the Grid* (CCGrid'07), Rio de Janeiro, Brazil, May 2007.
- **Adaptive Reputation-Based Scheduling on Unreliable Distributed Infrastructures**
Jason Sonnek, Abhishek Chandra and Jon Weissman.
To appear in the *IEEE Transactions on Parallel and Distributed Systems* (TPDS).
- **Practical Techniques for Eliminating Storage of Deleted Data**
David Boutcher and Abhishek Chandra.
Technical Report TR07-009, Department of Computer Science and Engineering, University of Minnesota, March 2007.

2006

- **Heterogeneity-Aware Workload Distribution in Donation Based Grids**
Rahul Trivedi, Abhishek Chandra and Jon Weissman.
Invited Paper in the *International Journal of High Performance Computing Applications*, Volume 20(4), pp 455-466, Winter 2006.
[Abstract](#)
- **Reputation-Based Scheduling on Unreliable Distributed Infrastructures**
Jason Sonnek, Mukesh Nathan, Abhishek Chandra and Jon Weissman.
In Proceedings of the *26th International Conference on Distributed Computing Systems* (ICDCS'06), Lisboa, Portugal, July 2006.
[Abstract](#) [Tech Report](#)
- **An Observation-based Approach towards Self-managing Web Servers**
Abhishek Chandra, Prashant Pradhan, Renu Tewari, Sambit Sahu and Prashant Shenoy.
Elsevier Computer Communications Journal, Volume 29(8), pp 1174-1188, May 2006.
- **eSENSE: Energy Efficient Stochastic Sensing Framework for Wireless Sensor Platforms**

Haiyang Liu, Abhishek Chandra and Jaideep Srivastava.

In Proceedings of the *Fifth International ACM/IEEE Conference on Information Processing in Sensor Networks (IPSN'06)*, Nashville, TN, April 2006.

[Abstract](#) [Tech Report](#)

2005 and Older

- **Dynamic Provisioning of Multi-tier Internet Applications**

Bhuvan Urgaonkar, Prashant Shenoy, Abhishek Chandra and Pawan Goyal.

Best Student Paper Award.

In Proceedings of the *2nd IEEE International Conference on Autonomic Computing (ICAC 2005)*, Seattle, WA, June 2005.

[Abstract](#) [Tech Report](#)

- **Platform-of-Platforms: A Modular, Integrated Resource Framework for Large-Scale Services** (Extended Abstract)

Rahul Trivedi, Abhishek Chandra and Jon Weissman.

Poster at the *Second USENIX Symposium on Networked Systems Design and Implementation (NSDI 2005)*, Boston, MA, May 2005.

- **Hosting Services on the Grid: Challenges and Opportunities**

Abhishek Chandra, Rahul Trivedi and Jon Weissman.

Technical Report TR05-026, Department of Computer Science and Engineering, University of Minnesota, July 2005.

[Abstract](#)

- **Effectiveness of Dynamic Resource Allocation for Handling Internet Flash Crowds**

Abhishek Chandra and Prashant Shenoy.

Technical Report TR03-37, Department of Computer Science, University of Massachusetts Amherst, November 2003.

[Abstract](#) [PDF](#)

- **Scheduler-Aware Virtual Memory Management** (Extended Abstract)

Emery Berger, Scott Kaplan, Bhuvan Urgaonkar, Pritesh Sharma, Abhishek Chandra and Prashant Shenoy.

Poster at the *19th ACM Symposium on Operating Systems Principles (SOSP 2003)*, Lake George, NY, October 2003.

- **Dynamic-Resource Allocation for Shared Data Centers Using Online Measurements**

Abhishek Chandra, Weibo Gong and Prashant Shenoy.

In Proceedings of the *Eleventh IEEE/ACM International Workshop on Quality of Service (IWQoS 2003)*, Monterey, CA, June 2003.

Also appeared as a short paper in Proceedings of the *ACM SIGMETRICS Conference (SIGMETRICS 2003)*, San Diego, CA, June 2003.

[Abstract](#) [PDF](#) [Tech Report \(Revised\)](#) [Tech Report \(Old\)](#) [Presentation](#) [Poster](#)

- **Quantifying the Benefits of Resource Multiplexing in On-Demand Data Centers**

Abhishek Chandra, Pawan Goyal and Prashant Shenoy.

In Proceedings of the *First ACM Workshop on Algorithms and Architectures for Self-Managing Systems* (Self-Manage 2003), San Diego, CA, June 2003.

[Abstract](#) [PDF](#) [Tech Report](#) [Presentation](#)

- **An Observation-based Approach towards Self-managing Web Servers**

Prashant Pradhan, Renu Tewari, Sambit Sahu, Abhishek Chandra and Prashant Shenoy.

In Proceedings of the *Tenth IEEE/ACM International Workshop on Quality of Service* (IWQoS 2002), Miami Beach, FL, May 2002.

[Abstract](#) [PDF](#) [Tech Report](#)

- **Scalability of Linux Event-Dispatch Mechanisms**

Abhishek Chandra and David Mosberger.

In Proceedings of the *USENIX Annual Technical Conference* (USENIX 2001), Boston, MA, June 2001.

[Abstract](#) [PDF](#) [Tech Report](#) [Presentation](#)

- **Deadline Fair Scheduling: Bridging the Theory and Practice of Proportionate-Fair Scheduling in Multiprocessor Servers**

Abhishek Chandra, Micah Adler and Prashant Shenoy.

In Proceedings of the *21st IEEE Real-Time Technology and Applications Symposium* (RTAS 2001), Taipei, Taiwan ROC, May 2001.

[Abstract](#) [PDF](#) [Tech Report](#) [Presentation](#)

- **Surplus Fair Scheduling: A Proportional-Share CPU Scheduling Algorithm for Symmetric Multiprocessors**

Abhishek Chandra, Micah Adler, Pawan Goyal and Prashant Shenoy.

In Proceedings of the *Fourth USENIX Symposium on Operating System Design and Implementation* (OSDI 2000), San Diego, CA, October 2000.

[Abstract](#) [PDF](#) [Tech Report](#) [Presentation](#)

- **Application Performance in the QLinux Multimedia Operating System**

Vijay Sundaram, Abhishek Chandra, Pawan Goyal, Prashant Shenoy, Jasleen Sahni and Harrick Vin.

In Proceedings of the *Eighth ACM international Conference on Multimedia* (Multimedia 2000), Los Angeles, CA, November 2000.

[Abstract](#) [PDF](#) [Tech Report](#)

Dissertation

- **Resource Allocation for Self-Managing Servers**

Abhishek Chandra.

PhD Dissertation, Department of Computer Science, University of Massachusetts Amherst, September 2004.

[Abstract](#) [PDF](#)
